

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-24 (canceled)

25. (currently amended) An The enriched or purified preparation of human mitotic oligodendrocyte progenitor cells ~~according to claim 29~~, wherein the mitotic oligodendrocyte progenitor cells are derived from a post-natal human and a cyclic nucleotide phosphodiesterase 2 promoter is transcriptionally active in all cells of the enriched or purified preparation.

26. (currently amended) An The enriched or purified preparation of human mitotic oligodendrocyte progenitor cells ~~according to claim 29~~, wherein the mitotic oligodendrocyte progenitor cells are from an adult human and a cyclic nucleotide phosphodiesterase 2 promoter is transcriptionally active in all cells of the enriched or purified preparation.

27-28 (canceled)

29. (currently amended) An enriched or purified preparation of human mitotic oligodendrocyte progenitor cells, wherein an oligodendrocyte specific cyclic nucleotide phosphodiesterase 2 promoter functions is transcriptionally active in all cells of the enriched or purified preparation.